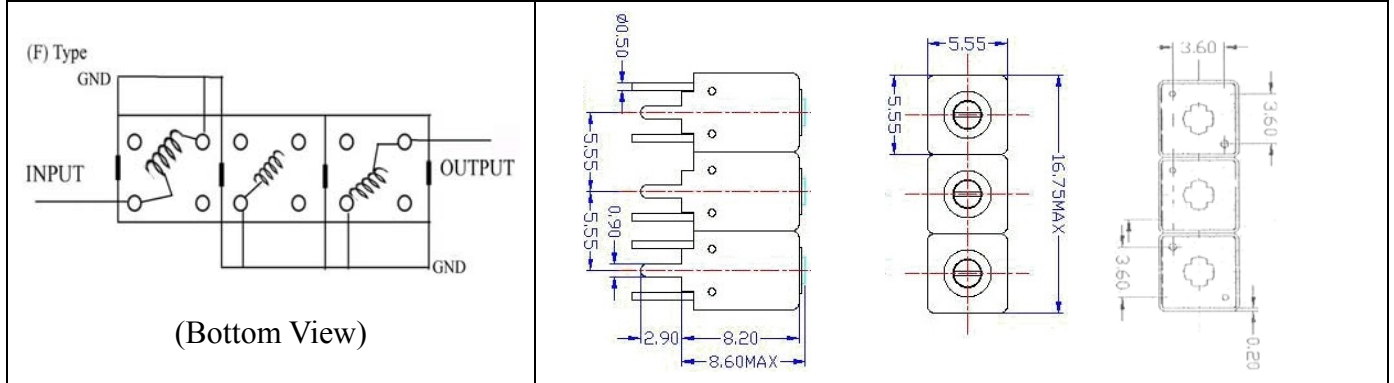


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTR3637F-407.5M
Approval No. /dated	0905048APR	Temwell's Print Name	3637F 407.5M
Work Instruction No.	200905048CD	Date	May.20.2009

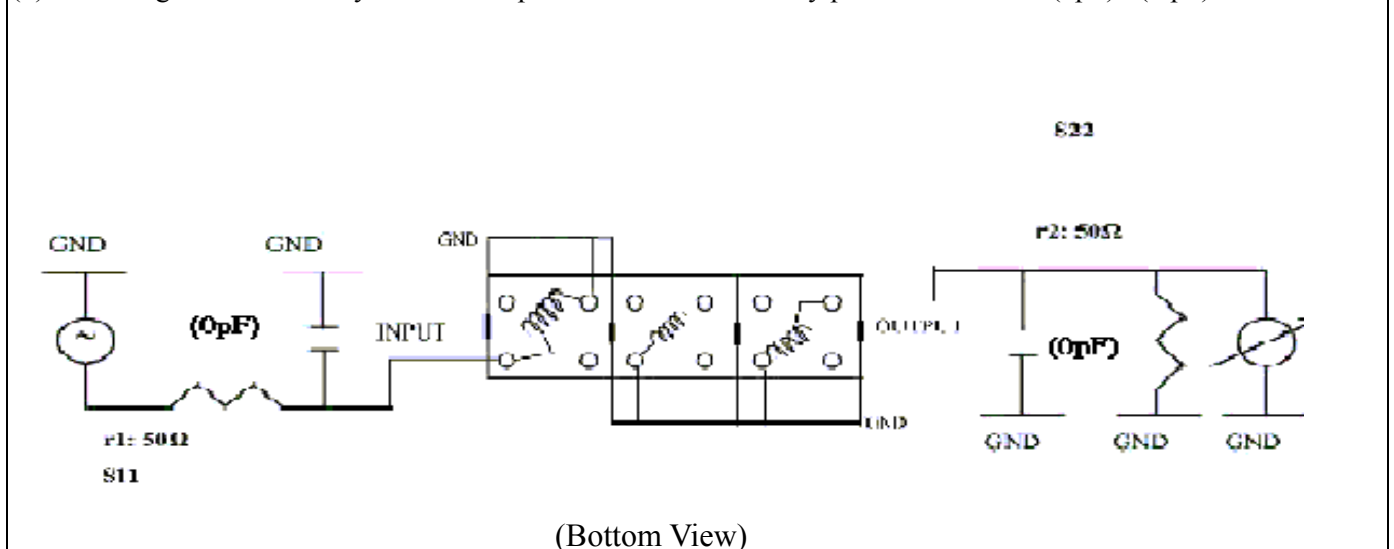
(1) Pin Position (2) Size Diagram



(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	407.5 MHz	407.5 MHz	
Insertion Loss	Typ. 4.0 dB	2.97 dB	
-3 dB Bandwidth	Typ. 15 MHz	18.0 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 34 dBc	70 dBc
	Fo + 50 MHz	Typ. 31 dBc	36 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	20.1 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	
(4) Torque for Tuning Screw	> 60gf • cm		
(5) Temperature Condition:			
Operating Temperature	0°C ~ +60°C		
Storage Temperature	-20°C ~ +70°C		
(6) Input Power	> 0.5Watt		

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω/ by parallel with about(0pF) / (0pF).



Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	Y.H.Yeh	5R3S(3.8*4.2)(4.22) 5HW024LB3

TEMWELL CORPORATION

